

### **Amendments to the Specification**

Please replace paragraph [1022] with the following amended paragraph:

**[1022]**     Some or all of the virtual address-to-physical address translations stored in TLB ~~[[206]]~~ 202 may be invalidated when the process identifier is updated. The process identifier is updated, for example, when a process or context is switched. Because TLB 202 may contain translations for virtual addresses that have null upper bits and therefore are specific to a particular process, those translations must be invalidated when the process switches. Invalidating the translations in TLB 202 may be performed by software. Alternatively, hardware may detect the change and perform the invalidation automatically.